

OIPE

#2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/812,283

DATE: 07/30/2001
TIME: 12:09:15

Input Set : N:\CrF3\RULE60\09812283.txt
Output Set: N:\CRF3\07302001\I812283.raw

3 <110> APPLICANT: Fischer, Robert L.
4 Ohad, Nir
5 Kiyosue, Tomohiro
6 Yadegari, Ramin
7 Margossian, Linda
8 Harada, John
9 Goldberg, Robert B.
10 The Regents of the University of California
12 <120> TITLE OF INVENTION: Nucleic Acids That Control Seed and Fruit
13 Development in Plants
15 <130> FILE REFERENCE: 023070-086120US
17 <140> CURRENT APPLICATION NUMBER: 09/812,283
18 <141> CURRENT FILING DATE: 2001-03-19
20 <150> PRIOR APPLICATION NUMBER: 09/177,249
21 <151> PRIOR FILING DATE: 1998-10-22
23 <150> PRIOR APPLICATION NUMBER: US 09/071,838
24 <151> PRIOR FILING DATE: 1998-05-01
26 <160> NUMBER OF SEQ ID NOS: 324
28 <170> SOFTWARE: PatentIn Ver. 2.0
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 2136
32 <212> TYPE: DNA
33 <213> ORGANISM: Arabidopsis sp.
35 <220> FEATURE:
36 <221> NAME/KEY: CDS
37 <222> LOCATION: (43)..(2112)
38 <223> OTHER INFORMATION: fertilization-independent endosperm 1 (FIE1) cDNA
40 <400> SEQUENCE: 1
41 aacatcgag aagacgagaa aaaaagaaga ggcgagtggtaatgagaa 54
42 10 15 20 Met Glu Lys Glu
43 1
45 aac cat gag gac gat ggt gag ggt ttg cca ccc gaa cta aat cag ata 102
46 Asn His Glu Asp Asp Gly Glu Gly Leu Pro Pro Glu Leu Asn Gln Ile
47 5 10 15 20
49 aaa gag caa atc gaa aag gag aga ttt ctg cat atc aat aag aga aaa ttc 150
50 Lys Glu Gln Ile Glu Lys Glu Arg Phe Leu His Ile Lys Arg Lys Phe
51 25 30 35
53 gag ctg aga tac att cca agt gtg gct act cat gct tca cac cat caa 198
54 Glu Leu Arg Tyr Ile Pro Ser Val Ala Thr His Ala Ser His Gln
55 40 45 50
57 tcg ttt gac tta aac cag ccc gct gca gag gat gat aat gga gga gac 246
58 Ser Phe Asp Leu Asn Gln Pro Ala Ala Glu Asp Asp Asn Gly Gly Asp
59 55 60 65
61 aac aaa tca ctt ttg tcg aga atg caa aac cca ctt cgt cat ttc agt 294
62 Asn Lys Ser Leu Leu Ser Arg Met Gln Asn Pro Leu Arg His Phe Ser
63 70 75 80
65 acc tca tct gat tat aat tct tac qaa qat caa qgt tat gtt ctt gat 342

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/812,283

DATE: 07/30/2001

TIME: 12:09:15

Input Set : N:\Crf3\RULE60\09812283.txt

Output Set: N:\CRF3\07302001\I812283.raw

66	Ala	Ser	Ser	Asp	Tyr	Asn	Ser	Tyr	Glu	Asp	Gln	Gly	Tyr	Val	Leu	Asp	
67	85																100
69	gag	gat	caa	gat	tat	gct	ctt	gaa	gaa	gat	gta	cca	tta	ttt	ctt	gat	390
70	Glu	Asp	Gln	Asp	Tyr	Ala	Leu	Glu	Glu	Asp	Val	Pro	Leu	Phe	Leu	Asp	
71																	115
73	gaa	gat	gta	cca	tta	tta	cca	agt	gtc	aag	ctt	cca	att	gtt	gag	aag	438
74	Glu	Asp	Val	Pro	Leu	Leu	Pro	Ser	Val	Lys	Leu	Pro	Ile	Val	Glu	Lys	
75																	130
77	cta	cca	cga	tcc	att	aca	tgg	gtc	ttc	acc	aaa	agt	agc	cag	ctg	atg	486
78	Leu	Pro	Arg	Ser	Ile	Thr	Trp	Val	Phe	Thr	Lys	Ser	Ser	Gln	Leu	Met	
79																	145
81	gct	gaa	agt	gat	tct	gtg	att	ggt	aag	aga	caa	atc	tat	tat	ttg	aat	534
82	Ala	Glu	Ser	Asp	Ser	Val	Ile	Gly	Lys	Arg	Gln	Ile	Tyr	Tyr	Leu	Asn	
83																	160
85	ggt	gag	gca	cta	gaa	ttg	agc	agt	gaa	gaa	gat	gag	gaa	gat	gaa	gaa	582
86	Gly	Glu	Ala	Leu	Glu	Leu	Ser	Ser	Glu	Glu	Asp	Glu	Glu	Asp	Glu	Glu	
87	165																180
89	gaa	gat	gag	gaa	gaa	atc	aag	aaa	gaa	aaa	tgc	gaa	ttt	tct	gaa	gat	630
90	Glu	Asp	Glu	Glu	Ile	Lys	Lys	Glu	Lys	Cys	Glu	Phe	Ser	Glu	Asp		
91																	195
93	gta	gac	cga	ttt	at	tgg	acg	gtt	ggg	cag	gac	tat	ggt	ttg	gat	gat	678
94	Val	Asp	Arg	Phe	Ile	Trp	Thr	Val	Gly	Gln	Asp	Tyr	Gly	Leu	Asp	Asp	
95																	210
97	ctg	gtc	gtg	cgg	cgt	gct	ctc	gcc	aag	tac	ctc	gaa	gtg	gat	gtt	tcg	726
98	Leu	Val	Val	Arg	Arg	Ala	Leu	Ala	Lys	Tyr	Leu	Glu	Val	Asp	Val	Ser	
99																	225
101	gac	ata	ttg	gaa	aga	tac	aat	gaa	ctc	aag	ctt	aag	aat	gat	gga	act	774
102	Asp	Ile	Leu	Glu	Arg	Tyr	Asn	Glu	Leu	Lys	Leu	Lys	Asn	Asp	Gly	Thr	
103																	240
105	gct	ggt	gag	gct	tct	gat	ttg	aca	tcc	aag	aca	ata	act	act	act	gct	822
106	Ala	Gly	Glu	Ala	Ser	Asp	Leu	Thr	Ser	Lys	Thr	Ile	Thr	Thr	Ala	Phe	
107	245																260
109	cag	gat	ttt	gct	gat	aga	tac	ctg	cgt	cgt	tgc	atg	ata	ttc	gat		870
110	Gln	Asp	Phe	Ala	Asp	Arg	Arg	His	Cys	Arg	Arg	Cys	Met	Ile	Phe	Asp	
111																	275
113	tgt	cat	atg	cat	gag	aag	tat	gag	ccc	gag	tct	aga	tcc	agc	gaa	gac	918
114	Cys	His	Met	His	Glu	Lys	Tyr	Glu	Pro	Glu	Ser	Arg	Ser	Ser	Glu	Asp	
115																	290
117	aaa	tct	agt	ttg	ttt	gag	gat	gaa	gat	aga	caa	cca	tgc	agt	gag	cat	966
118	Lys	Ser	Ser	Leu	Phe	Glu	Asp	Glu	Asp	Arg	Gln	Pro	Cys	Ser	Glu	His	
119																	305
121	tgt	tac	ctc	aag	gtg	agg	agt	gtg	aca	gaa	gct	gat	cat	gtg	atg	gat	1014
122	Cys	Tyr	Leu	Lys	Val	Arg	Ser	Val	Thr	Glu	Ala	Asp	His	Val	Met	Asp	
123																	320
125	aat	gat	aac	tct	ata	tca	aac	aag	att	gtg	gtc	tca	gat	cca	aac	aac	1062
126	Asn	Asp	Asn	Ser	Ile	Ser	Asn	Lys	Ile	Val	Val	Ser	Asp	Pro	Asn	Asn	
127																	340
129	act	atg	tgg	acg	cct	gta	gag	aag	gat	ctt	tac	ttg	aaa	gga	att	gag	1110
130	Thr	Met	Trp	Thr	Pro	Val	Glu	Lys	Asp	Leu	Tyr	Leu	Lys	Gly	Ile	Glu	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/812,283

DATE: 07/30/2001
TIME: 12:09:15

Input Set : N:\Crf3\RULE60\09812283.txt
Output Set: N:\CRF3\07302001\I812283.raw

131	345	350	355	
133	ata ttt ggg aga aac agt tgt gat gtt	gca tta aac ata ctt	cgg ggg	1158
134	Ile Phe Gly Arg Asn Ser Cys Asp Val	Ala Leu Asn Ile Leu Arg Gly		
135	360	365	370	
137	ctt aag acg tgc cta gag att tac aat tac atg	cgc gaa caa gat caa		1206
138	Leu Lys Thr Cys Leu Glu Ile Tyr Asn Tyr Met Arg Glu	Gln Asp Gln		
139	375	380	385	
141	tgt act atg tca tta gac ctt aac aaa act aca caa aga cac aat cag			1254
142	Cys Thr Met Ser Leu Asp Leu Asn Lys Thr Thr Gln Arg His Asn Gln			
143	390	395	400	
145	gtt acc aaa aaa gta tct cga aaa agt agt agg tcg gtc cgc aaa aaa			1302
146	Val Thr Lys Lys Val Ser Arg Lys Ser Ser Arg Ser Val Arg Lys Lys			
147	405	410	415	420
149	tcg aga ctc cga aaa tat gct cgt tat ccg cct gct tta aag aaa aca			1350
150	Ser Arg Leu Arg Lys Tyr Ala Arg Tyr Pro Pro Ala Leu Lys Lys Thr			
151	425	430	435	
153	act agt gga gaa gct aag ttt tat aag cac tac aca cca tgc act tgc			1398
154	Thr Ser Gly Glu Ala Lys Phe Tyr Lys His Tyr Thr Pro Cys Thr Cys			
155	440	445	450	
157	aag tca aaa tgt gga cag caa tgc cct tgt tta act cac gaa aat tgc			1446
158	Lys Ser Lys Cys Gly Gln Gln Cys Pro Cys Leu Thr His Glu Asn Cys			
159	455	460	465	
161	tgc gag aaa tat tgc ggg tgc tca aag gat tgc aac aat cgc ttt gga			1494
162	Cys Glu Lys Tyr Cys Gly Cys Ser Lys Asp Cys Asn Asn Arg Phe Gly			
163	470	475	480	
165	gga tgt aat tgt gca att ggc caa tgc aca aat cga caa tgt cct tgt			1542
166	Gly Cys Asn Cys Ala Ile Gly Gln Cys Thr Asn Arg Gln Cys Pro Cys			
167	485	490	495	500
169	ttt gct gct aat cgt gaa tgc gat cca gat ctt tgt cgg agt tgt cct			1590
170	Phe Ala Ala Asn Arg Glu Cys Asp Pro Asp Leu Cys Arg Ser Cys Pro			
171	505	510	515	
173	ctt agc tgt gga gat ggc act ctt ggt gag aca cca gtg caa atc caa			1638
174	Leu Ser Cys Gly Asp Gly Thr Leu Gly Glu Thr Pro Val Gln Ile Gln			
175	520	525	530	
177	tgc aag aac atg caa ttc ctc ctt caa acc aat aaa aag att ctc att			1686
178	Cys Lys Asn Met Gln Phe Leu Leu Gln Thr Asn Lys Lys Ile Leu Ile			
179	535	540	545	
181	gga aag tct gat gtt cat gga tgg ggt gca ttt aca tgg gac tct ctt			1734
182	Gly Lys Ser Asp Val His Gly Trp Gly Ala Phe Thr Trp Asp Ser Leu			
183	550	555	560	
185	aaa aag aat gag tat ctc gga gaa tat act gga gaa ctg atc act cat			1782
186	Lys Lys Asn Glu Tyr Leu Gly Glu Tyr Thr Gly Glu Leu Ile Thr His			
187	565	570	575	580
189	gat gaa gct aat gag cgt ggg aga ata gaa gat cgg att ggt tct tcc			1830
190	Asp Glu Ala Asn Glu Arg Gly Arg Ile Glu Asp Arg Ile Gly Ser Ser			
191	585	590	595	
193	tac ctc ttt acc ttg aat gat cag ctc gaa atc gat gct cgc cgt aaa			1878
194	Tyr Leu Phe Thr Leu Asn Asp Gln Leu Glu Ile Asp Ala Arg Arg Lys			
195	600	605	610	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/812,283

DATE: 07/30/2001
TIME: 12:09:15

Input Set : N:\Crf3\RULE60\09812283.txt
Output Set: N:\CRF3\07302001\I812283.raw

197	gga aac gag ttc aaa ttt ctc aat cac tca gca aga cct aac tgc tac	1926
198	Gly Asn Glu Phe Lys Phe Leu Asn His Ser Ala Arg Pro Asn Cys Tyr	
199	615 620 625	
201	gcc aag ttg atg att gtg aga gga gat cag agg att ggt cta ttt gcg	1974
202	Ala Lys Leu Met Ile Val Arg Gly Asp Gln Arg Ile Gly Leu Phe Ala	
203	630 635 640	
205	gag aga gca atc gaa gaa ggt gag gag ctt ttc gac tac tgc tat	2022
206	Glu Arg Ala Ile Glu Glu Gly Glu Leu Phe Phe Asp Tyr Cys Tyr	
207	645 650 655 660	
209	gga cca gaa cat gcg gat tgg tcg cgt ggt cga gaa cct aga aag act	2070
210	Gly Pro Glu His Ala Asp Trp Ser Arg Gly Arg Glu Pro Arg Lys Thr	
211	665 670 675	
213	ggt gct tct aaa agg tct aag gaa gcc cgt cca gct cgt tagttttga	2119
214	Gly Ala Ser Lys Arg Ser Lys Glu Ala Arg Pro Ala Arg	
215	680 685	
217	tctgaggaga agcagca	2136
220	<210> SEQ ID NO: 2	
221	<211> LENGTH: 689	
222	<212> TYPE: PRT	
223	<213> ORGANISM: Arabidopsis sp.	
225	<400> SEQUENCE: 2	
226	Met Glu Lys Glu Asn His Glu Asp Asp Gly Glu Gly Leu Pro Pro Glu	
227	1 5 10 15	
229	Leu Asn Gln Ile Lys Glu Gln Ile Glu Lys Glu Arg Phe Leu His Ile	
230	20 25 30	
232	Lys Arg Lys Phe Glu Leu Arg Tyr Ile Pro Ser Val Ala Thr His Ala	
233	35 40 45	
235	Ser His His Gln Ser Phe Asp Leu Asn Gln Pro Ala Ala Glu Asp Asp	
236	50 55 60	
238	Asn Gly Gly Asp Asn Lys Ser Leu Leu Ser Arg Met Gln Asn Pro Leu	
239	65 70 75 80	
241	Arg His Phe Ser Ala Ser Ser Asp Tyr Asn Ser Tyr Glu Asp Gln Gly	
242	85 90 95	
244	Tyr Val Leu Asp Glu Asp Gln Asp Tyr Ala Leu Glu Glu Asp Val Pro	
245	100 105 110	
247	Leu Phe Leu Asp Glu Asp Val Pro Leu Leu Pro Ser Val Lys Leu Pro	
248	115 120 125	
250	Ile Val Glu Lys Leu Pro Arg Ser Ile Thr Trp Val Phe Thr Lys Ser	
251	130 135 140	
253	Ser Gln Leu Met Ala Glu Ser Asp Ser Val Ile Gly Lys Arg Gln Ile	
254	145 150 155 160	
256	Tyr Tyr Leu Asn Gly Glu Ala Leu Glu Leu Ser Ser Glu Glu Asp Glu	
257	165 170 175	
259	Glu Asp Glu Glu Asp Glu Glu Ile Lys Lys Glu Lys Cys Glu	
260	180 185 190	
262	Phe Ser Glu Asp Val Asp Arg Phe Ile Trp Thr Val Gly Gln Asp Tyr	
263	195 200 205	
265	Gly Leu Asp Asp Leu Val Val Arg Arg Ala Leu Ala Lys Tyr Leu Glu	
266	210 215 220	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/812,283

DATE: 07/30/2001

TIME: 12:09:15

Input Set : N:\Crf3\RULE60\09812283.txt
 Output Set: N:\CRF3\07302001\I812283.raw

268 Val Asp Val Ser Asp Ile Leu Glu Arg Tyr Asn Glu Leu Lys Leu Lys
 269 225 230 235 240
 271 Asn Asp Gly Thr Ala Gly Glu Ala Ser Asp Leu Thr Ser Lys Thr Ile
 272 245 250 255
 274 Thr Thr Ala Phe Gln Asp Phe Ala Asp Arg Arg His Cys Arg Arg Cys
 275 260 265 270
 277 Met Ile Phe Asp Cys His Met His Glu Lys Tyr Glu Pro Glu Ser Arg
 278 275 280 285
 280 Ser Ser Glu Asp Lys Ser Ser Leu Phe Glu Asp Glu Asp Arg Gln Pro
 281 290 295 300
 283 Cys Ser Glu His Cys Tyr Leu Lys Val Arg Ser Val Thr Glu Ala Asp
 284 305 310 315 320
 286 His Val Met Asp Asn Asp Asn Ser Ile Ser Asn Lys Ile Val Val Ser
 287 325 330 335
 289 Asp Pro Asn Asn Thr Met Trp Thr Pro Val Glu Lys Asp Leu Tyr Leu
 290 340 345 350
 292 Lys Gly Ile Glu Ile Phe Gly Arg Asn Ser Cys Asp Val Ala Leu Asn
 293 355 360 365
 295 Ile Leu Arg Gly Leu Lys Thr Cys Leu Glu Ile Tyr Asn Tyr Met Arg
 296 370 375 380
 298 Glu Gln Asp Gln Cys Thr Met Ser Leu Asp Leu Asn Lys Thr Thr Gln
 299 385 390 395 400
 301 Arg His Asn Gln Val Thr Lys Lys Val Ser Arg Lys Ser Ser Arg Ser
 302 405 410 415
 304 Val Arg Lys Lys Ser Arg Leu Arg Lys Tyr Ala Arg Tyr Pro Pro Ala
 305 420 425 430
 307 Leu Lys Lys Thr Thr Ser Gly Glu Ala Lys Phe Tyr Lys His Tyr Thr
 308 435 440 445
 310 Pro Cys Thr Cys Lys Ser Lys Cys Gly Gln Gln Cys Pro Cys Leu Thr
 311 450 455 460
 313 His Glu Asn Cys Cys Glu Lys Tyr Cys Gly Cys Ser Lys Asp Cys Asn
 314 465 470 475 480
 316 Asn Arg Phe Gly Gly Cys Asn Cys Ala Ile Gly Gln Cys Thr Asn Arg
 317 485 490 495
 319 Gln Cys Pro Cys Phe Ala Ala Asn Arg Glu Cys Asp Pro Asp Leu Cys
 320 500 505 510
 322 Arg Ser Cys Pro Leu Ser Cys Gly Asp Gly Thr Leu Gly Glu Thr Pro
 323 515 520 525
 325 Val Gln Ile Gln Cys Lys Asn Met Gln Phe Leu Leu Gln Thr Asn Lys
 326 530 535 540
 328 Lys Ile Leu Ile Gly Lys Ser Asp Val His Gly Trp Gly Ala Phe Thr
 329 545 550 555 560
 331 Trp Asp Ser Leu Lys Lys Asn Glu Tyr Leu Gly Glu Tyr Thr Gly Glu
 332 565 570 575
 334 Leu Ile Thr His Asp Glu Ala Asn Glu Arg Gly Arg Ile Glu Asp Arg
 335 580 585 590
 337 Ile Gly Ser Ser Tyr Leu Phe Thr Leu Asn Asp Gln Leu Glu Ile Asp
 338 595 600 605
 340 Ala Arg Arg Lys Gly Asn Glu Phe Lys Phe Leu Asn His Ser Ala Arg

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/812,283

DATE: 07/30/2001

TIME: 12:09:16

Input Set : N:\Crf3\RULE60\09812283.txt

Output Set: N:\CRF3\07302001\I812283.raw

L:801 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:805 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:809 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:813 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:817 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:821 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:825 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:829 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:833 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:837 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:841 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:845 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:849 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:853 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:857 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:861 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:865 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:869 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:873 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:877 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:881 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:885 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:889 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:893 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:897 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:901 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:905 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:909 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:913 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:917 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:921 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:925 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:929 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:933 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:937 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:941 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:945 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:949 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:953 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:957 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:961 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:965 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:969 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:973 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:977 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:981 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:985 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:989 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/812,283

DATE: 07/30/2001

TIME: 12:09:16

Input Set : N:\Crf3\RULE60\09812283.txt

Output Set: N:\CRF3\07302001\I812283.raw

L:993 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6

L:997 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6